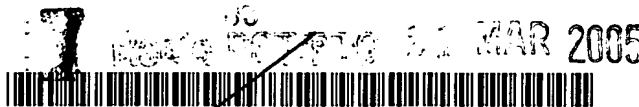


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(54) Title: METHOD FOR DETERMINING PREDISPOSITION TO A PHYSIOLOGICAL REACTION IN A PATIENT.

(57) Abstract: The present invention relates to a method for determining predisposition to a physiological reaction in a patient. Particularly, the present invention relates to a method for determining a predisposition to toxicity induced by a camptothecin analog or to an immunosuppressive mycophenolic acid-based therapy. This method comprises the characterization of nucleic acid sequences from the patient. The nucleic acid sequence encodes for an amino acid sequence or regulates the expression of UGT1A1, UGT1A7, UGT1A9 or their polymorphic variants. The method also comprises the analysis of haplotypic variation within these genes.